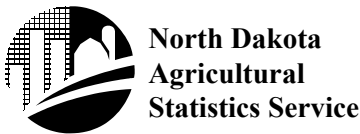


# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: September 23, 2002  
For Week Ending: September 22, 2002  
ND-CW3802

Cooperating With:  
NDSU EXTENSION SERVICE,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

**General:** Dry edible bean, flaxseed, and potato harvest were in full swing last week, according to the North Dakota Agricultural Statistics Service. Soybean and sugarbeet harvest was also under way in many areas. Rain over much of the northeast district however, slowed progress in that area late in the week. The northeast district received an average of 1.50 inches of precipitation while the rest of the state received less than 0.50 of an inch. A statewide average of 5.8 days were suitable for fieldwork. Statewide topsoil moisture supplies were rated 16 percent very short, 31 short, 46 adequate and 7 surplus.

**Crops:** Late season crop maturity advanced last week and harvest was underway, with the exception of corn and sunflowers. Forty-three percent of the dry edible beans and 11 percent of the soybeans had been harvested, both behind the five-year average (1997-2001). Potato harvest was well underway, with 37 percent dug, and sugarbeet harvest had begun in many areas. There were several reports of frost during the week, especially in the southwest district, where temperatures dropped into the upper 20s.

Crop condition ratings changed very little when compared to last week. Potatoes showed the largest decrease because of the wet conditions in the northeast. The quality of many crops in that area has been affected negatively because of the excess moisture and delayed harvest.

Small grain harvest was nearing completion across the state. Durum wheat harvest, at 83 percent complete, was lagging behind, mostly due to wet conditions in the northern part of the state. This compares to 94 percent harvested last year and the average of 85 percent harvested. Flaxseed and canola harvest was nearing completion with 75 and 90 percent harvested, respectively.

**Livestock:** Livestock producers were busy vaccinating and weaning calves last week. Others were busy hauling hay in from the fields. As of September 22, 57 percent of the corn for silage had been chopped. Pasture and range conditions were 31 percent very poor, 27 poor, 28 fair, 13 good and 1 excellent. Stockwater supplies were rated 20 percent very short, 23 short, 55 adequate and 2 surplus.

Small Grain Crop Development Progress <sup>1/</sup>  
September 22, 2002 with Comparisons

Crop	This Week	Last Week	Last Year	1997-01 Avg.
(Percent)				
BARLEY				
Combined	98	94	100	98
DURUM WHEAT				
Combined	83	70	94	85
HRS WHEAT				
Combined	96	90	100	96
OATS				
Combined	98	95	100	98

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage. NA=Not Available

Late Season & Oilseed Crop Development Progress <sup>1/</sup>  
September 22, 2002 with Comparisons

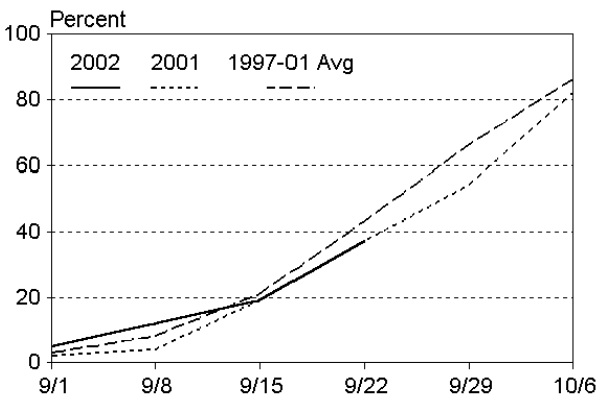
Crop	This Week	Last Week	Last Year	1997-01 Avg.
(Percent)				
CANOLA				
Combined	90	83	94	88
CORN				
Dented	95	83	99	98
Ripe	45	25	64	53
CORN FOR SILAGE				
Chopped	57	28	61	51
DRY EDIBLE BEANS				
Mature Leaves Dropping	96	84	98	96
Cut	71	43	68	71
Combined	43	21	46	54
FLAXSEED				
Combined	75	64	87	78
POTATOES				
Vines Killed	93	80	90	88
Dug	37	19	37	43
SOYBEANS				
Mature Leaves Dropping	92	62	69	75
Harvested	11	2	4	15
SUGARBEETS				
Lifted	1	1	6	7
SUNFLOWER				
Ray Flowers Dried/Dropped	97	91	100	99
Bracts Turned Yellow	86	70	92	89
Bracts Turned Brown	41	16	57	54

<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage. NA=Not Available

Pasture and Range Condition  
Week Ending September 22, 2002

Item	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Range and Pasture	31	27	28	13	1

Potatoes Dug  
North Dakota, September 22, 2002



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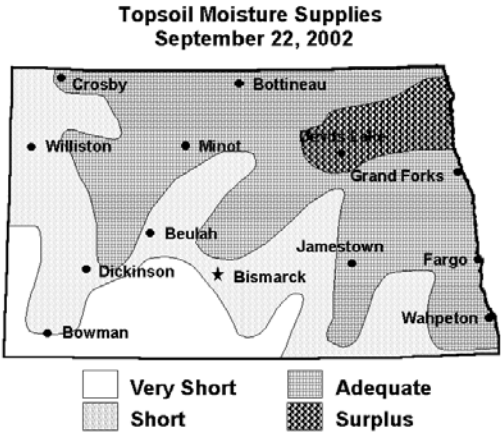
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Soil Moisture: North Dakota, September 22, 2002

Date	V.Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	16	31	46	7
Last Week	16	29	52	3
Last Year	6	33	59	2
97-01 Avg.	9	27	59	5
SUBSOIL				
This Week	18	29	48	5
Last Week	16	30	51	3
Last Year	6	27	64	3
97-01 Avg.	9	26	60	5



**Weather:** Last week started out extremely warm with daily highs in the 80s and 90s across the state on Monday and Tuesday. Tuesday night a low pressure system moved into the state and brought a cold front with it. As a result, there were scattered rain showers on Wednesday. The daily high temperatures were in the 60s for the rest of the week. By the weekend, the highs were only in the 50s with scattered showers across the state. Overnight lows went from the lower 50s at the beginning of the week, to the 30s as the front pushed through. The average temperature for the week was about five degrees above average for this time of year.

Scattered showers throughout the week brought 1.50 inches of precipitation to the northeast region, 0.43 inches, 0.30 inches and 0.29 inches to the northwest, north central, and east central regions, respectively. The southwest and south central regions continue to remain extremely dry. They are both approximately 5.0 inches below average for precipitation accumulation.

**Outlook, September 23-29:** Expect rain showers across the eastern half of the state on Monday. Daily high temperatures across the state will be 50 to 60 degrees with overnight lows in the 30s. A high pressure system will move into the state the middle of the week bringing clear to partly cloudy skies. At the end of the week, expect scattered showers and cooler temperatures as a cold air mass moves into the region.

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending September 22, 2002

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal <sup>1/</sup>	Past Week	Total	Depart Normal <sup>1/</sup>
(Degrees F)                      (Inches)					
Northwest (1)	62	6	0.43	10.10	-1.39
N. Central (2)	60	5	0.30	11.31	-1.95
Northeast (3)	62	5	1.50	17.97	5.33
W. Central (4)	64	7	0.25	9.99	-2.33
Central (5)	62	5	0.11	11.23	-1.81
E. Central (6)	63	5	0.29	14.39	0.51
Southwest (7)	62	5	0.12	7.12	-4.75
S. Central (8)	63	5	0.02	6.53	-5.17
Southeast (9)	63	5	0.10	13.22	-0.27

<sup>1/</sup> Normal is the 1961-90 average. NA = Not Available.  
Weather data collected from NDAWN stations and compiled by UND  
Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending September 22, 2002

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal <sup>1/</sup>
(Degrees F)                      (Inches)					
(1) Bowbells	91	31	0.70	9.93	-1.51
Williston	97	32	0.01	7.36	-2.24
Mohall	87	35	0.86	12.90	0.48
Minot	92	33	0.14	10.21	-2.28
(2) Baker	89	33	0.28	12.31	-2.53
Bottineau	88	33	0.06	11.26	-2.16
Towner	89	31	0.56	10.37	-1.16
(3) Cando	86	35	1.43	15.01	2.92
Cavalier	88	38	2.78	21.52	8.28
Forest River	88	40	1.64	17.84	5.14
Grand Forks	88	38	0.70	21.26	8.65
Langdon	86	33	1.16	14.32	1.87
St. Thomas	86	39	1.27	17.84	5.14
(4) Hazen	96	33	0.02	11.71	-1.07
Turtle Lake	96	32	0.74	8.65	-4.24
Watford City	98	32	0.00	9.62	-1.69
(5) Carrington	89	34	0.08	11.03	-2.00
Harvey	91	35	0.16	11.48	-1.48
Jamestown	89	35	0.15	12.54	-0.45
Robinson	92	33	0.15	8.36	-4.31
Streeter	90	33	0.01	12.72	-0.85
(6) Dazey	90	37	0.01	9.32	-5.00
Fargo	90	38	0.65	17.23	3.97
Hillsboro	87	34	0.20	16.62	2.54
(7) Beach	93	29	0.00	5.72	-5.18
Bowman	95	29	0.37	5.29	-6.61
Dickinson	97	28	0.08	12.78	0.62
Hettinger	96	27	0.01	4.70	-7.82
(8) Mandan	93	34	0.00	5.77	-5.42
Linton	92	34	0.04	7.28	-4.92
(9) Edgeley	88	37	0.23	11.00	-2.57
McLeod	92	37	0.00	10.56	-3.26
Oakes	87	37	0.02	16.96	4.23
Wyndmere	90	36	0.06	14.34	0.52

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